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    ^   will find the tagged items

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~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
        (c) 2008 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200826
        (c) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2008/UB=20080703|UT=20080626
        (c) 2008 WIPO/Thomson
File 350:Derwent WPIX 1963-2008/UD=200843
        (c) 2008 The Thomson Corporation

Set   Items   Description
S1   52   AU=ENRIGHT J?
S2   214   AU=MASON T?
S3   1000   AU=STEWART D?
S4   117   AU=RAMACHANDRAN N?
S5   118   AU=BLACKSON D?
S6   1462   S1 OR S2 OR S3 OR S4 OR S5
S7   11   S6 AND ((ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER?
                 ? OR BANK???))(4N)(RADIAT??? OR EMIT? ? OR EMITT???))

 7/3/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2008 European Patent Office. All rts. reserv.

01974870
Automated banking machine which dispenses, receives and stores notes and
    other financial instrument sheets
Geldautomat, der Banknoten und andere Finanzinstrumentblatter ausgibt,
    annimmt und speichert
Guichet bancaire automatise pour la distribution, la reception et le
    stockage de billets et d'autres instruments financiers
PATENT ASSIGNEE:
  DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH
    44720, (US), (Applicant designated States: all)
INVENTOR:
  Utz, Zachary, 8194 Overwood Avenue, North Canton, OH 44720, (US)
  Schoeffler, Daniel, 2148 Demi Drive, Twinsburg, OH 44087, (US)
  Griggy, Shawn, 2585 Mt. Pleasant NW, North Canton, OH 44720, (US)
   Ramachandran, Nat , 2424 Lyndon Drive, Uniontown, OH 44685, (US)
  Graef, Thomas H., Box 287, Bolivar, OH 44612, (US)
  Nevejans, Patrick, De Bergeyckdreef 10, 09120 Beveren, (BE)
  Klessens, Gert, Parkstraat 39, 3070 Kortenberg, (BE)
LEGAL REPRESENTATIVE:
  Meldrum, David James et al (127431), D Young & Co 120 Holborn, London
    EC1N 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 1591975 A1 051102 (Basic)
APPLICATION (CC, No, Date):   EP 2005013413 031017;
PRIORITY (CC, No, Date): US 419681 P 021018; US 435153 P 021219
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
  HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LV; MK
RELATED PARENT NUMBER(S) - PN (AN):
  EP 1559046 (EP 2003779132)
INTERNATIONAL PATENT CLASS (V7): G07F-019/00; G07D-011/00; B65H-031/38
ABSTRACT WORD COUNT: 129
NOTE:

Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   200544   1157
     SPEC A   (English)   200544   22481
Total word count - document A   23638
Total word count - document B   0
Total word count - documents A + B   23638

 7/3/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2008 European Patent Office. All rts. reserv.

01957256
Automated banking machine which dispenses, receives and stores notes and
     other financial instrument sheets
Geldautomat, der Banknoten und andere Finanzinstrumentblatter ausgibt,
     annimmt und speichert
Guichet bancaire automatise pour la distribution, la reception et le
     stockage de billets et d'autres instruments financiers
PATENT ASSIGNEE:
  DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH
     44720, (US), (Applicant designated States: all)
INVENTOR:
  Utz, Zachary, 8194 Overwood Avenue, North Canton, OH 44720, (US)
  Schoeffler, Daniel, 2148 Demi Drive, Twinsburg, OH 44087, (US)
  Griggy, Shawn, 2585 Mt. Pleasant NW, North Canton, OH 44720, (US)
   Ramachandran, Nat , 2424 Lyndon Drive, Uniontown, OH 44685, (US)
  Graef, Thomas H., Box 287, Bolivar, OH 44612, (US)
  Nevejans, Patrick, De Bergeyckdreef 10, 09120 Beveren, (BE)
  Klessens, Gert, Parkstraat 39, 3070 Kortenberg, (BE)
LEGAL REPRESENTATIVE:
  Meldrum, David James et al (127431), D Young & Co 120 Holborn, London
     EC1N 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 1577855 A2 050921 (Basic)
                              EP 1577855 A3 051019
APPLICATION (CC, No, Date):   EP 2005013414 031017;
PRIORITY (CC, No, Date): US 419681 P 021018; US 435153 P 021219
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
  HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
RELATED PARENT NUMBER(S) - PN (AN):
  EP 1559046 (EP 2003779132)
INTERNATIONAL PATENT CLASS (V7): G07F-019/00; G07D-011/00
ABSTRACT WORD COUNT: 129
NOTE:
  Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   200538   3684
     SPEC A   (English)   200538   19947
Total word count - document A   23631
Total word count - document B   0
Total word count - documents A + B   23631

 7/3/3   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01462690   **Image available**
ATM WITH STACK TRANSPORTER FOR BULK NOTE DEPOSIT
GAB AVEC TRANSPORTEUR DE PILES POUR DEPOT DE BILLETS DE BANQUE EN VRAC
Patent Applicant/Assignee:

DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, Ohio 44720, US, US
   (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  GRAEF Thomas H, Box 287, Bolivar, Ohio 44612, US, US (Residence), US
   (Nationality),
  RAMACHANDRAN Natarajan , 2424 Lyndon Drive, Uniontown, Ohio 44685, US,
   US (Residence), US (Nationality),
  TULA Pedro, 1118 Lindylane Ave SW, North Canton, Ohio 44720, US, US
   (Residence), MX (Nationality),
Legal Representative:
  JOCKE Ralph E (agent), 231 South Broadway, Medina, Ohio 44256, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200705777 A2-A3 20070111 (WO 0705777)
  Application: WO 2006US25886 20060629   (PCT/WO US2006025886)
  Priority Application: US 2005695990 20050701
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP
  KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ
  OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG
  US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23777

 7/3/4   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01233529   **Image available**
CASH   DISPENSING AUTOMATED BANKING MACHINE WITH NOTE UNSTACKING AND
    VALIDATION
GUICHET AUTOMATIQUE BANCAIRE COMPORTANT DES FONCTIONS DE DESEMPILEMENT ET
    DE VALIDATION DE BILLETS
Patent Applicant/Assignee:
  DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
   (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  GRAEF Thomas H, P.O. BOX 287, BOLIVAR, Ohio 44612, US, US (Residence), US
   (Nationality), (Designated only for: US)
  UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, Ohio 44720, US, US
   (Residence), US (Nationality), (Designated only for: US)
  SCHOEFFLER Daniel P, 2148 DEMI DRIVE, TWINSBURG, Ohio 44087, US, US
   (Residence), US (Nationality), (Designated only for: US)
  GRIGGY Shawn, 2585 MT. PLEASANT NW, NORTH CANTON, Ohio 44720, US, US
   (Residence), US (Nationality), (Designated only for: US)
  RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, UNIONTOWN, Ohio 44685, US,
   US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  JOCKE Ralph E (agent), 231 South Broadway, MEDINA, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200541135 A1 20050506 (WO 0541135)
  Application: WO 2004US12271 20040419   (PCT/WO US04012271)
  Priority Application: US 2003688670 20031017; US 2003688725 20031017; US
   2004535359 20040109; US 2004535366 20040109
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
    SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 24536

 7/3/5   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01194001   **Image available**
AUTOMATED BANKING MACHINE WITH IMPROVED RESISTANCE TO FRAUD
GUICHET AUTOMATIQUE BANCAIRE PRESENTANT UNE RESISTANCE AMELIOREE A LA
    FRAUDE
Patent Applicant/Assignee:
  DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, North Canton, OH 44720, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, Uniontwon, OH 44685, US, US
    (Residence), US (Nationality), (Designated only for: US)
  ENRIGHT Jeffery M , 4496 Rex Lake Drive, Akron, OH 44319, US, US
    (Residence), US (Nationality), (Designated only for: US)
  BLACKSON Dale , 5056 Paddington Down Street, Medina, OH 44718, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  JOCKE Ralph E (agent), 231 South Broadway, Medina, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200501598 A2-A3 20050106 (WO 0501598)
  Application: WO 2004US14477 20040507 (PCT/WO US04014477)
  Priority Application: US 2003601813 20030623; US 2004560674 20040407
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
    SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14035

 7/3/6   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01159834   **Image available**
CASH DISPENSING AUTOMATED BANKING MACHINE WITH IMPROVED CARD RETENTION
    CAPABILITIES AND METHOD
GUICHET AUTOMATIQUE BANCAIRE DISTRIBUTEUR DE BILLETS DE BANQUE A CAPACITES
    AMELIORES DE RETENTION DE CARTES ET PROCEDE
Patent Applicant/Assignee:
  DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, OH 44720, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  SCARAFILE Pietro, Via Goito, 16, Settimo Torinese, I-10036 Torino, IT, IT
    (Residence), IT (Nationality), (Designated only for: US)
  GHIRINGHELLI Piero, Via Pasquere 11/2, I-10010 Colleretto Giacosa (TO),
    IT, IT (Residence), IT (Nationality), (Designated only for: US)

CERIONI Giorgio, Via Circonvallazione 76/1, Pavone Canavese, I-10018
    TORINO, IT, IT (Residence), IT (Nationality), (Designated only for: US)
FERRARO Francesco, Strada Per Magnano, 21, I-10010 Piverone, IT, IT
    (Residence), IT (Nationality), (Designated only for: US)
 RAMACHANDRAN Natarajan , 2424 Lyndon Drive, Uniontown, OH 44685, US, US
    (Residence), US (Nationality), (Designated only for: US)
MAGEE Paul D, 113 North Main Street, Apt. 147, North Canton, OH 44720, US
    , US (Residence), US (Nationality), (Designated only for: US)
BARKER Dave, 1215 Portage Street, N.W., North Canton, OH 44720, US, US
    (Residence), US (Nationality), (Designated only for: US)
TUROCY Kenneth, 461 Woodcrest Drive, Wadsworth, OH 44281, US, US
    (Residence), US (Nationality), (Designated only for: US)
BOOTH Jim, 13223 Egress Road, Kimbolton, OH 43749, US, US (Residence), US
    (Nationality), (Designated only for: US)
UTZ Zachary, 8194 Overwood Avenue, North Canton, OH 44720, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
JOCKE Ralph E (agent), 231 South Broadway, Medina, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200481740 A2 20040923 (WO 0481740)
  Application: WO 2004US7203 20040309 (PCT/WO US04007203)
  Priority Application: US 2003453365 20030310
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
  SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23200

 7/3/7   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01137334   **Image available**
CASH DISPENSING AUTOMATED BANKING MACHINE WITH USER INTERFACE ILLUMINATION
    DEVICES
GUICHET AUTOMATIQUE BANCAIRE PRESENTANT DES DISPOSITIFS D'ECLAIRAGE
    D'INTERFACE UTILISATEUR
Patent Applicant/Assignee:
  DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
    (Residence), US (Nationality)
Inventor(s):
  UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, OH 44720, US,
  TUROCY Kenneth, 461 WOODCREST DRIVE, WADSWORTH, OH 44281, US,
  BOOTH Jim, 13223 EGRESS ROAD, KIMBOLTON, OH 43749, US,
   RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, UNIONTOWN, OH 44685, US,
Legal Representative:
  JOCKE Ralph (agent), 231 SOUTH BROADWAY, MEDINA, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200459552 A1 20040715 (WO 0459552)
  Application: WO 2003US40187 20031217 (PCT/WO US03040187)
  Priority Application: US 2002434989 20021219
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
  SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 21756

 7/3/8   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01114546   **Image available**
AUTOMATED BANKING MACHINE
GUICHET BANCAIRE AUTOMATISE POUR LA DISTRIBUTION, LA RECEPTION ET LE
    STOCKAGE DE BILLETS ET D'AUTRES INSTRUMENTS FINANCIERS
Patent Applicant/Assignee:
  DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
    (Residence), US (Nationality)
Inventor(s):
  UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, OH 44720, US,
  SCHOEFFLER Daniel, 2148 DEMI DRIVE, TWINSBURG, OH 44087, US,
  GRIGGY Shawn, 2585 MT. PLEASANT NW, NORTH CANTON, OH 44720, US,
  RAMACHANDRAN Nat , 2424 LYNDON DRIVE, UNIONTOWN, OH 44685, US,
  GRAEF H Thomas, BOX 287, BOLIVAR, OH 44612, US,
  NEVEJANS Patrick, DE BERGEYCKDREEF 10, B-09120 BEVEREN, BE,
  KLESSENS Gert, PARKSTRAAT 39, B-3070 KORTENBERG, BE,
Legal Representative:
  JOCKE Ralph E (agent), 231 SOUTH BROADWAY, MEDINA, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200436386 A2-A3 20040429 (WO 0436386)
  Application: WO 2003US33138 20031017 (PCT/WO US03033138)
  Priority Application: US 2002419681 20021018; US 2002435153 20021219
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
  LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
  SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 24618

 7/3/9   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0017454144 - Drawing available
WPI ACC NO: 2008-C74581/200820
Related WPI Acc No: 2003-687319; 2004-551784; 2004-579744; 2004-579745;
  2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713;
  2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499;
  2007-715949; 2008-C17778
XRPX Acc No: N2008-216491
Cash dispensing automated banking machine i.e. drive up automated teller
machine, operating method, involves taking action in response to comparison
of two data through operation of control circuitry
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BLACKSON D H ; ENRIGHT J M ; JENKINS R; RAMACHANDRAN N
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20080048020	A1	20080228	US 2002429478	P	20021126	200820	B
			US 2003601813	A	20030623		
			US 2004560674	P	20040407		
			US 2004832960	A	20040427		

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                    US 2006454257    A  20060616
                    US 2006853098    P  20061020
                    US 2007975375    A  20071019
```

Priority Applications (no., kind, date): US 2002429478 P 20021126; US
   2003601813 A 20030623; US 2004560674 P 20040407; US 2004832960 A
   20040427; US 2006454257 A 20060616; US 2006853098 P 20061020; US
   2007975375 A 20071019

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20080048020	A1	EN	35	22	Related to Provisional US 2002429478
					C-I-P of application US 2003601813
					Related to Provisional US 2004560674
					Continuation of application US
2004832960					
					C-I-P of application US 2006454257
					Related to Provisional US 2006853098
					Continuation of patent US 7118031
					C-I-P of patent US 7240827
					C-I-P of patent US 7316348

 7/3/10   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0017348378 - Drawing available
WPI ACC NO: 2008-B68817/200812
Related WPI Acc No: 2004-551786; 2004-832242; 2008-G50544
XRPX Acc No: N2008-133540
**Automated banking machine i.e., automated teller machine operating method
for receiving and dispensing e.g. check, involves operating one LED of
multicolor light emitting device to output green color during cash
accepting transaction**
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BOOTH J; **RAMACHANDRAN N** ; TUROCY K; UTZ Z
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 7318549	B2	20080115	US 2002434989	P	20021219	200812	B
			US 2003738462	A	20031217		
			US 2006504301	A	20060814		
US 20060273159	A1	20061207	US 2002434989	P	20021219	200812	E
			US 2003738462	A	20031217		
			US 2006504301	A	20060814		

Priority Applications (no., kind, date): US 2002434989 P 20021219; US
   2003738462 A 20031217; US 2006504301 A 20060814

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 7318549	B2	EN	42	27	Related to Provisional US 2002434989
					Division of application US 2003738462
					Division of patent US 7131576
US 20060273159	A1	EN			Related to Provisional US 2002434989
					Division of application US 2003738462

 7/3/11   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0014650223 - Drawing available
WPI ACC NO: 2004-832242/200482
Related WPI Acc No: 2004-551786; 2008-B68817; 2008-G50544
XRPX Acc No: N2004-657634
An inconsistency exists between the front page and disclosure of this

specification, therefore we have included information based on the front
page. The patent office has been notified
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD INC (DIEB-N);
  DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BOOTH J; RAMACHANDRAN N ; TUROCY K; UTZ Z
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20040226991	A1	20041118	US 2002434989	P	20021219	200482	B
			US 2003738462	A	20031217		
US 7131576	B2	20061107	US 2003738462	A	20031217	200673	E

Priority Applications (no., kind, date): US 2002434989 P 20021219; US
  2003738462 A 20031217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040226991	A1	EN	42	27	Related to Provisional US 2002434989

~~ Non-Patent Literature: Inventor search

File   2:INSPEC 1898-2008/Jun W2
        (c) 2008 Institution of Electrical Engineers
File   9:Business & Industry(R) Jul/1994-2008/Jul 07
        (c) 2008 The Gale Group
File   15:ABI/Inform(R) 1971-2008/Jul 09
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File 610:Business Wire 1999-2008/Jul 09
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File 634:San Jose Mercury Jun 1985-2008/Jun 29
        (c) 2008 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 625:American Banker Publications 1981-2008/Jun 25
        (c) 2008 American Banker
File 268:Banking Info Source 1981-2008/Jun W4
        (c) 2008 ProQuest Info&Learning
File 626:Bond Buyer Full Text 1981-2008/Jun 27
        (c) 2008 Bond Buyer
File 267:Finance & Banking Newsletters 2008/Jul 07
        (c) 2008 Dialog
File   16:Gale Group PROMT(R) 1990-2008/Jul 01
        (c) 2008 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2008/Jun 19
        (c)2008 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2008/Jul 01
        (c) 2008 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Jun 18
        (c) 2008 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2008/Jul 01
        (c) 2008 The Gale Group
File   20:Dialog Global Reporter 1997-2008/Jul 09
        (c) 2008 Dialog
File   35:Dissertation Abs Online 1861-2008/Nov
        (c) 2008 ProQuest Info&Learning
File   65:Inside Conferences 1993-2008/Jul 09
        (c) 2008 BLDSC all rts. reserv.
File   99:Wilson Appl. Sci & Tech Abs 1983-2008/Apr
        (c) 2008 The HW Wilson Co.

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File 474:New York Times Abs 1969-2008/Jul 09
          (c) 2008 The New York Times
File 475:Wall Street Journal Abs 1973-2008/Jul 09
          (c) 2008 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File 139:EconLit 1969-2008/Jun
          (c) 2008 American Economic Association
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          (c) 2008 Info.Sources Inc


Set      Items    Description
S1        102     AU=(ENRIGHT, J? OR ENRIGHT J? OR ENRIGHT(2N)J?) OR BY=ENRI-
                  GHT(2N)J?
S2       3012     AU=(MASON, T? OR MASON T? OR MASON(2N)T?) OR BY=MASON(2N)T?
S3       4908     AU=(STEWART, D? OR STEWART D? OR STEWART(2N)D?) OR BY=STEW-
                  ART(2N)D?
S4        412     AU=(RAMACHANDRAN, N? OR RAMACHANDRAN N? OR RAMACHANDRAN(2N-
                  )N?) OR BY=RAMACHANDRAN(2N)N?
S5          0     AU=(BLACKSON, D? OR BLACKSON D? OR BLACKSON(2N)D?) OR BY=B-
                  LACKSON(2N)D?
S6       8433     S1 OR S2 OR S3 OR S4
S7          2     S6 AND ((ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER?
                  ? OR BANK???) OR (CURRENCY OR CASH OR MONEY)()(DISPENS??? OR
                  MACHINE? ?))(12N)(SENS??? OR DETECT??? OR RADIAT??? OR EMIT? ?
                  OR EMITT??? OR INFRARED OR SONAR))
S8          0     S7 NOT PY>1998


~~  Non-Patent Literature: Full Text
    Dialog files:
9,15,16,20,148,160,267,268,275,610,613,621,624,625,626,634,636,810,813


File    9:Business & Industry(R) Jul/1994-2008/Jul 07
          (c) 2008  The Gale Group
File   15:ABI/Inform(R) 1971-2008/Jul 09
          (c) 2008 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2008/Jul 01
          (c) 2008 The Gale Group
File   20:Dialog Global Reporter 1997-2008/Jul 09
          (c) 2008 Dialog
File  148:Gale Group Trade & Industry DB 1976-2008/Jun 19
          (c)2008 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File  267:Finance & Banking Newsletters 2008/Jul 07
          (c) 2008 Dialog
File  268:Banking Info Source 1981-2008/Jun W4
          (c) 2008 ProQuest Info&Learning
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          (c) 2008 The Gale Group
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          (c) 2008 Business Wire.
File  613:PR Newswire 1999-2008/Jul 09
          (c) 2008 PR Newswire Association Inc
File  621:Gale Group New Prod.Annou.(R) 1985-2008/Jun 18
          (c) 2008 The Gale Group
File  624:McGraw-Hill Publications 1985-2008/Jul 08
          (c) 2008 McGraw-Hill Co. Inc
File  625:American Banker Publications 1981-2008/Jun 25
          (c) 2008 American Banker
File  626:Bond Buyer Full Text 1981-2008/Jun 27
          (c) 2008 Bond Buyer
File  634:San Jose Mercury  Jun 1985-2008/Jun 29
          (c) 2008 San Jose Mercury News
File  636:Gale Group Newsletter DB(TM) 1987-2008/Jul 01
          (c) 2008 The Gale Group
File  810:Business Wire 1986-1999/Feb 28
          (c) 1999 Business Wire
```

```
Set     Items    Description
S1      850631   ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-
                 NK???) OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-
                 ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-
                 DER? ? OR READING)
S2      227051   SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT???
                 OR PERCEIV??? OR RECOGNI? OR DISTINGUISH??? OR TRACK??? OR R-
                 ADIAT??? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3      664964   USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-
                 STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-
                 LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-
                 R()INTERFACE
S4      129399   IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-
                 OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-
                 AFX
S5      215835   DETERMIN??? OR COMPARATOR? ? OR CALCULAT??? OR FIGURE? ? OR
                 FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-
                 L?? OR COMPARATIVE?? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6      771999   FIRST OR ONE OR 1ST OR SECOND OR TWO OR 2ND OR PRIME OR PR-
                 IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-
                 NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-
                 VERAL OR NUMEROUS
S7       40599   S2(8N)S3
S8        2745   S4(12N)S5(12N)S6
S9          34   S1(S)S7(S)S8
S10          8   S9 NOT PY>1998
S11          5   RD  (unique items)
```

^ 11/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2008 The Gale Group. All rts. reserv.

01574948 Supplier Number: 24274463   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Keeping Fraud Outside The Gate
(The financial services sector in 1997 spent $493 mil worldwide on fraud
  detection technology; parts of the body are being examined)
Collections & Credit Risk, v 3, n 6, p 77+
June 1998
DOCUMENT TYPE: Journal; Industry Overview ISSN: 1093-1260 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2566

        (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Payroll Corp., the Ft. Worth, Texas-based provider of convenience store
automated check-cashing and **ATM** services. Customers using Mr. Payroll
machines enter a Social Security number. **Two** cameras capture a stereo
view of the person's face, a process adopted to defeat any attempt to
simply hold a **photograph** up in front of the lens. The live **image** is
then **compared** to a previously recorded **picture** in the database. The
system has a variable degree of sensitivity which adjusts to customers...

 11/3,K/2   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

01189667 98-39062
How banks can harness the power of branding
Bergstrom, Alan J; Bresnahan, John M
US Banker v106n3 PP: 81-82 Mar 1996
ISSN: 0148-8848 JRNL CODE: USI
WORD COUNT: 1333

...ABSTRACT: and mortar of branches that have been banks' primary identity disappear and are replaced with **electronic banking** , industry leaders are trying to understand the importance of a brand and how to harness...

...develop and implement a strategy to make it happen. This requires 3 important steps. The **first** is to **assess** what the brand stands for from a consumer perspective. This "brand audit" explores the brand's heritage or origins to define the brand's **image** or personality as **customers perceive** it today. The **next** step is to **determine** the ideal positioning for the brand that reflects what the brand stands for, what position...

11/3,K/3   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

05970630   Supplier Number: 53260935 (USE FORMAT 7 FOR FULLTEXT)
LG Video Captures Iris Image.(biometric technology)(Industry Trend or Event)
Electronic News (1991), p51(1)
Nov 23, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 601

...   to breach system security. NEC is targeting its Touchpass finger imaging scanner at cars, homes, **ATMs** , point-of-sale terminals, cell phones--wherever passwords and security devices and Pin numbers are...

11/3,K/4   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

05208202   Supplier Number: 47944553 (USE FORMAT 7 FOR FULLTEXT)
A Potpourri Of Imaging Applications
Lasers & Optronics, p22
Sept, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Refereed; Academic Trade
Word Count: 734

...   Identification Technologies International has developed a means of accessing this market.
     An image of a **person** 's face is recorded and processed to **detect** certain facial features. The features list is compressed, typically to 90 to 100 bytes of...

...be used to cash checks, unlock doors, and prove identity. When it is used, a **card reader** extracts the facial features list while the card holder's face is **photographed** through a nearby **one** -way glass. The new **image** data is **compared** to the stored features list; if they match, permission is granted. The match accuracy can...

∧ 11/3,K/5   (Item 1 from file: 267)
DIALOG(R)File 267:Finance & Banking Newsletters
(c) 2008 Dialog. All rts. reserv.

00001270
 IMAGE-REJECT APPLICATIONS FINDING A NICHE
ITEM PROCESSING REPORT
July 4, 1996   VOL: 7 ISSUE: 13 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH   WORD COUNT: 1172   RECORD TYPE: FULLTEXT

TEXT:
...time equivalents (FTEs) and appear
technologically-savvy.
    Especially hot are image-systems for reject-reentry, **automated
 teller** machine (**ATM**) deposit balancing and returned items processing.
    The downside: Many banks need to run multiple, niche...

...Tampa, Fla., anticipates half of its annual revenues eventually will
come from sales of its **ATM** balancing module, says Terry Stapleton,
president of the company. The vendor also markets check and...

...production with
the system in 1995. The bank also is phasing in the vendor's **ATM**
 deposit balancing module.
    Mellon Bank, of Pittsburgh, also purchased an image-reject
system from Software...

...IPR, Jan. 18). The bank will add the system to its
Pittsburgh site.

PNC Buys **ATM** Balancing Module From TWS

    Similarly, PNC Bank Corp., based in Pittsburgh, purchased a
Windows NT-based, image- **ATM** deposit balancing application from TWS
Systems, IPR learned.
    The bank's system, which will be...

...can create electronic
journal listings; set special endorsements or specify which items
should be endorsed; **separate** rejects during the **first** pass on the
7780; **track**   **user** identification codes; and **determine** where **images**
will
be stored on the network during reject processing.
    Jones noted that **users** also can increase **image** lift **track** speed
by up to 27 percent with a component that automatically disables the
encoder. Additional upgrades capture **multiple** entries without
stopping the transport; provide image data entry clerks automatic
access to the next...

~~ Non-Patent Literature: Non-Full Text
    Dialog files: 2,35,65,99,139,256,474,475,583

File   2:INSPEC 1898-2008/Jun W2
        (c) 2008 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2008/Nov
        (c) 2008 ProQuest Info&Learning
File 65:Inside Conferences 1993-2008/Jul 09
        (c) 2008 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Apr
        (c) 2008 The HW Wilson Co.
File 139:EconLit 1969-2008/Jun
        (c) 2008 American Economic Association
File 256:TecInfoSource 82-2008/Oct
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File 474:New York Times Abs 1969-2008/Jul 09
        (c) 2008 The New York Times
File 475:Wall Street Journal Abs 1973-2008/Jul 09
        (c) 2008 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group

Set   Items   Description
S1   65203   ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-
                 NK???) OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-
                 ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-
                 DER? ? OR READING)
S2   6426   SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT???
                 OR PERCEIV??? OR RECOGNI? OR DISTINGUISH??? OR TRACK??? OR R-

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                    ADIAT??? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3      12034    USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-
                    STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-
                    LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-
                    R()INTERFACE
S4       2862    IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-
                    OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-
                    AFX
S5      13703    DETERMIN??? OR COMPARATOR? ? OR CALCULAT??? OR FIGURE? ? OR
                    FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-
                    L?? OR COMPARATIVE?? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6      33176    FIRST OR ONE OR 1ST OR SECOND OR TWO OR 2ND OR PRIME OR PR-
                    IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-
                    NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-
                    VERAL OR NUMEROUS
S7        799    S2(S)S3
S8        355    S4(S)S5(S)S6
S9         13    S1 AND S7 AND S8
S10         9    S9 NOT PY>1998
S11         9    RD (unique items)
```

11/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

06478895   INSPEC   Abstract   Number: A9704-8732S-016,   B9702-6210R-043,
C9702-5620-032
    Title: New network and ATM adaptation layers for real-time multimedia
applications: A performance study based on psychophysics
    Author(s): Garcia Adanez, X.; Verscheure, O.; Hubaux, J.-P.
    Author Affiliation: TCOM Lab., Swiss Federal Inst. of Technol., Lausanne,
Switzerland
    Conference Title: Multimedia Telecommunications and Applications. Third
International COST 237 Workshop Proceedings   p.216-31
    Editor(s): Ventre, G.; Domingo-Pascual, J.; Danthine, A.
    Publisher: Springer-Verlag, Berlin, Germany
    Publication Date: 1996   Country of Publication: Germany   xii+265 pp.
    ISBN: 3 540 62096 6   Material Identity Number: XX96-03699
    Conference Title: Multimedia Telecommunications and Applications Third
International COST 237 Workshop. Proceedings
    Conference Date: 25-27 Nov. 1996   Conference Location: Barcelona, Spain
    Language: English
    Subfile: A B C
    Copyright 1997, IEE

    Title: New network and ATM adaptation layers for real-time multimedia
applications: A performance study based on psychophysics
    Abstract: ATM   technology is reaching a certain level of maturity that
allows for its deployment in local...

...wide area networks. However, the cell and frame loss ratios might not be
negligible in ATM -based environments especially if the operators employ
statistical multiplexing to efficiently use network resources. We present
network and ATM adaptation layers for real-time multimedia applications.
These layers provide a robust transmission by applying...

...combined with a selective forward error correction (FEC) mechanism based
on burst erasure codes. We **compare** their performance against a
transmission over AAL5 by simulating the transport of an MPEG-2 sequence
over an ATM network. Performance is measured in terms of cell loss ratio
(CLR) and **user - perceived** quality. The proposed layers achieve an
improvement on the cell loss **figures** obtained for AAL5 of about **one**
order of magnitude under the same traffic conditions. To evaluate the
impact of cell losses...

... sequences. From a perceptual point of view, the proposed AAL achieves a
graceful quality degradation **compared** to AAL5 which shows a critical CLR
value beyond which quality drops very fast. The application of a selective
FEC achieves an even smoother **image** quality degradation with a small

overhead.
   Identifiers: ATM adaptation layer...

... ATM network...

... user - perceived quality

 11/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
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05842428   INSPEC Abstract Number: A9502-2880-003, B9502-7530B-001
   Title: Gas bremsstrahlung considerations in the shielding design of the
Advanced Photon Source synchrotron radiation beam lines
   Author(s): Ipe, N.E.; Fasso, A.
   Author Affiliation: Stanford Linear Accel. Center, Stanford Univ., CA,
USA
   Journal: Nuclear Instruments & Methods in Physics Research, Section A
(Accelerators, Spectrometers, Detectors and Associated Equipment)
vol.351, no.2-3   p.534-44
   Publication Date: 1 Dec. 1994 Country of Publication: Netherlands
   CODEN: NIMAER ISSN: 0168-9002
   U.S. Copyright Clearance Center Code: 0168-9002/94/$07.00
   Language: English
   Subfile: A B
   Copyright 1995, FIZ Karlsruhe

   Abstract: The Advanced **Photon** Source (APS) currently under construction
at Argonne National Laboratory will be **one** of the world's brightest
synchrotron **radiation** (SR) facilities. The storage ring, capable of
storing currents up to 300 mA at 7...
... GeV, or 200 mA at 7.5 GeV, will produce very intense and energetic
synchrotron **radiation** (E/sub c/=24 keV for bending magnets, and E/sub
c/=37.4 keV for wigglers, where E/sub c/ is the critical energy). The
synchrotron **radiation** beam lines, consisting of experimental enclosures
and transport lines, will have to be shielded against synchrotron
 radiation and gas bremsstrahlung scattered from beam line components. For
insertion devices placed in the straight sections (length=15 m), the gas
bremsstrahlung produced by the interaction of the **primary** stored beam
with residual gas molecules or ions in the storage ring vacuum chamber
dominates...

... forward-directed gas bremsstrahlung is characterized, and the
effectiveness of the tungsten beam stop is **assessed** . The Monte Carlo code
FLUKA was used to **determine** the dose equivalent rates from gas
bremsstrahlung in a cylindrical tissue phantom with and without...

...were performed using an air target of length 15 m at a pressure of 1
 atm and 1/10 **atm** (1 **atm** =101.325 kPa=760 torr) both with and without
suppressing positron **multiple** scattering (M.S.) and Bhabha and Moller
scattering in the air target. At a given pressure the dose equivalent rates
are higher without positron **multiple** scattering in the air target than
with **multiple** scattering. For simulations at P/sub s/=1 **atm** , the
minimization of Bhabha/Moller scattering is important for areas with
scoring radii less than...

...5 cm/sup 2/ (radius=0.4 cm) it is 0.57 Sv/h. Scoring **photon** fluence
and converting it to dose equivalent using Rogers' fluence-to-dose
equivalent conversion factors...

... simple expression has been derived for the upper limit on the dose
equivalent that an **individual** can receive due to loss of vacuum in the
straight section.

 11/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC
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03315721   INSPEC Abstract Number: A84099809
  Title: Optoacoustic detection of photodissociation and termolecular recombination in Cl/sub 2/
  Author(s): O'Connor, M.T.; Diebold, G.J.

  Author Affiliation: Dept. of Chem., Brown Univ., Providence, RI, USA

  Abstract: In a spectrophone cell at pressures on the order 1 **atm** , photodissociation of a homonuclear diatomic molecule gives **two** radicals which ultimately recombine in a three- **body** process to release an amount of heat equal to the energy of the incident **photon** . If the **radiation** producing the photodissociation is amplitude modulated, a periodic heating of the gas takes place that...

  ... signal to be dependent on the intensity as well as modulation frequency of the incident **radiation** . Additional phase shifts are caused by heat release from thermalization of the recoil energy of the nascent photofragments and an increase in mole number immediately following photofragmentation. To test the **calculated** amplitude and phase dependences of the optoacoustic effect produced by photodissociation, experiments with Cl/sub 2/ irradiated at a wavelength of 488 nm were done in a nonresonant spectrophone cell. **Several** effects depending on modulation frequency and **radiation0** intensity were found that are characteristic of the mechanism of energy release in the system...

  11/3,K/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

0000763465   INSPEC Abstract Number: 1966A11172
  Title: Quantitative line absorption spectrophotometry: absorbance of the OH radical near 3090 A
  Author(s): Bird, P.F.; Schott, G.L.

  Abstract: A pulsed discharge source of OH line **radiation** near 3090 A is used for quantitative determination of transient OH populations in shocked gases...

  ... a specific group of lines. The spectral intensity distribution of this line source has been **determined** quantitatively from **photographic** spectrograms, and is expressed in terms of the line shapes, their relative intensities, and the...
  ... incident spectrum, in terms of the optical density, the absorber temperature, the band oscillator strength, **individual** line strengths, and a pressure broadening parameter. Finally, measurements of absorption by equilibrium OH populations...

  ...waves at temperatures near 2800(deg)K and pressures near 4.4 and 17.5 **atm** in H SUB 2 -O SUB 2 mixtures highly diluted with argon are reported and...

  ... results demonstrate a pressure broadening effect, and corroborate the value of the band oscillator strength **determined** independently by others. A basis is thus established for a heretofore empirical calibration and for extending it to **other** regimes of temperature and pressure.

11/3,K/5   (Item 5 from file: 2)

0000660935   INSPEC Abstract Number: 1964A09319
 Title: Photodisintegration of He SUP 3
  Author(s): Berman, B.L.; Koester, L.J.; Smith, J.H.
  Journal: Physical Review   133 1B   p.B117-B129
  Publication Date: 13 Jan. 1964   Country of Publication: USA
  DOI: 10.1103/PhysRev.133.B117
  Language: English
  Subfile: A
  Copyright 2004, IEE

    Abstract: The 90(deg) photodisintegration cross-sections for He SUP 3
were measured for incident **photon** energies between 8.5 and 21.5 MeV by
 detecting   proton-deuteron coincidences in CsI:Tl scintillators immersed
in 1 **atm** of gas. The source of X-rays was the bremsstrahlung beam of the
University of...

...The simultaneous output pulses from the coincidences were displayed on a
dual-beam oscilloscope and **photographed** . The particle energies were
 determined   by pulse-height measurement, and electrons were rejected by
pulse-shape analysis. The peak cross...
...to a charge radius of 2.1 F). The He SUP 3 charge form factor
 calculated   with this wave function agrees very well with the electron
scattering measurements of Collard and...

... SUP 2 = 5 F SUP -2 . Also, some information was acquired about the
competing three- **body** photodisintegration process by **detecting**
 proton-proton coincidences in the cases where the angle between the **two**
 outgoing protons was near either 90 or 180(deg).

11/3,K/6   (Item 1 from file: 35)

01673563 ORDER NO: AAD99-09316
**AUTOMATIC PERSONAL IDENTIFICATION USING FINGERPRINTS (FEATURE EXTRACTION,
IMAGE ENHANCEMENT)**
  Author: HONG, LIN
  Degree: PH.D.
  Year: 1998
  Corporate Source/Institution: MICHIGAN STATE UNIVERSITY (0128)
  Source: VOLUME 59/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 5440. 227 PAGES

    ...in a wide range of application domains such as national ID card,
electronic commerce, and **automated** **banking** . Biometrics, which refers to
automatic identification of a **person** based on her physiological or
behavioral characteristics, is inherently more reliable and more capable in
differentiating between an authorized **person** and a fraudulent imposter
than traditional methods such as passwords and PIN numbers. Automatic
fingerprint identification is **one** of the most reliable biometric
technology. In this thesis, our objective is to design a...

...identified and explored the following issues: (i) feature extraction
finding representative features from an input **image** for the purpose of
fingerprint matching, (ii) **image** enhancement--improving the clarity of
ridge structures of fingerprint **images** to facilitate automatic extraction
of features or for visual inspection, (iii) minutiae matching-- **determining**
 whether **two** sets of features (minutiae patterns) are extracted from the
same finger, (iv) integration of **multiple** biometrics--improving the
performance of a biometric system by combining **several** biometrics (e.g.
fingerprint, face, speech, etc.), and (v) fingerprint
classification--assigning a fingerprint into **one** of **several**

pre-specified categories according to its pattern formation. We have
designed **two** prototype biometric systems: (i) a verification system which
uses only fingerprints to authenticate the identity claimed by a **user** ,
and (ii) an integrated identification system which combines face
recognition and fingerprint verification to make a personal
identification. Our systems have been evaluated extensively on a large
number of fingerprint **images** captured with the traditional inked method
and more recent inkless optical scanners. Experimental results show...

11/3,K/7   (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2008 ProQuest Info&Learning. All rts. reserv.

01469548 ORDER NO: AADAA-I0576615
A VBR RATE CONTROL ALGORITHM FOR VIDEO CODERS INCORPORATING PERCEPTUALLY
ADAPTIVE QUANTISATION AND TRAFFIC SHAPING (VARIABLE BIT-RATE, B-ISDN)
   Author: PICKERING, MARK RICHARD
   Degree: PH.D.
   Year: 1995
   Corporate Source/Institution: UNIVERSITY OF NEW SOUTH WALES (AUSTRALIA)
(0423)
   Source: VOLUME 56/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 6306.

      ...which have been coded and transmitted over the B-ISDN will also be
reduced if **ATM** cells containing video information are lost or discarded.
The major cause of such cell loss...

...a set of statistical parameters called a traffic descriptor.
      In order to maintain a consistent **perceived** **image** quality, the
proposed rate control algorithm adjusts the quantiser step-size for **each**
macroblock in a frame of the **image** sequence in **two** ways. **First** , the
relative step-size for **each** **individual** macroblock is **determined**
according to the estimated level of quantisation distortion and the
distortion masking properties of the **image** region (perceptually adaptive
quantisation). Then these relative step-sizes are increased or decreased,
by an...

11/3,K/8   (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2008 ProQuest Info&Learning. All rts. reserv.

01335443 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
RELATIONSHIPS BETWEEN VEGETATION AND HYDROGEOMORPHIC CHARACTERISTICS OF
BRITISH RIVERINE ENVIRONMENTS: A REMOTELY SENSED PERSPECTIVE
   Author: HOOPER, IAN DAVID
   Degree: PH.D.
   Year: 1992
   Corporate Source/Institution: UNIVERSITY OF SOUTHAMPTON (UNITED KINGDOM)
(5036)
   Source: VOLUME 55/01-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 115.

      ...on the River Teme. Remotely sensed data included digital
multispectral airborne imagery (Daedalus AADS 1268 **ATM**) and panchromatic
aerial photographs for both sites, and also satellite imagery (SPOT-1) for
the...

...attributes which may be utilised as a basis for river management
strategies is also suggested.
      Two rationales are presented for the processing and interpretation
of the remotely **sensed** data. A visual strategy is proposed which involves
 user interpretation of colour composite **images** . A colour composite has
been developed which maximises the hydrogeomorphic and vegetation
information presented. An alternative automated strategy is also proposed
involving the use of a supervised Bayesian classifier. **Image**
classification accuracy of 71% was achieved. Consideration of **image**

classification raised the issue of mixed pixels. Finally, the utility of remote **sensing** in the collection of vegetation and hydrogeomorphic data at four scales; **individual** surfaces, habitat, corridor and basin was suggested, along with a more general **appraisal** of its potential role in river management strategies. (Abstract shortened by UMI.)

 11/3,K/9   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05112485
Blank cheque for the thinking chip
  US - BLANK CHEQUE FOR THE THINKING CHIP
Financial Times (C) 1992 (FT)   4 June 1992 p20

Synaptics, a Silicon Valley pioneer in the field of neural network chips, has developed the **first** commercial application of its futuristic technology; an electronic 'retina' that can read the numbers printed on the bottom of cheques in order to verify that **customers** have enough money in their account to cover the transaction. Neural networks - computers that mimic...

... accuracy. They require a cheque to be passed carefully through the system at a pre- **determined** speed and angle by a motorised system. In contrast, the neural system can be used at the point of sale, enabling **customers** or sales clerks to swipe a cheque through the reader and still achieve accuracy of...

... same electronic vision tech-nology used in the cheque reader might also be used to **recognise** handwriting or thumbprints, or to **detect** counterfeit money. With these types of 'perceptive' chips, any type of pattern **recognition** , whether it be identifying documents or graphical **images** , can be implemented faster and more accurately than with conventional computers. Speech **recognition** , in which neural network chips mimic human hearing functions, and robotics, where the chips control...

... shorter term, VeriFone hopes to use the neural chip as the basis of a cash **recognition** system which can read bank notes. This will reduce mistakes at the point of sale and help to eliminate pilfering by keeping **track** of the amount of money that has changed hands. While pushing forward the frontiers of...

PRODUCT: **Electronic   Banking** Services

~~ Patent Literature:
   Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
         (c) 2008 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200826
         (c) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2008/UB=20080703|UT=20080626
         (c) 2008 WIPO/Thomson
File 350:Derwent WPIX 1963-2008/UD=200843
         (c) 2008 The Thomson Corporation

Set   Items   Description
S1   160302   ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-
             NK???) OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-
             ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-
             DER? ? OR READING)
S2   69968   SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT???
             OR PERCEIV??? OR RECOGNI? OR DISTINGUISH??? OR TRACK??? OR R-
             ADIAT??? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3   84435   USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-
             STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-
             LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-

```
                R()INTERFACE
S4      32165   IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-
                OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-
                AFX
S5      91430   DETERMIN??? OR COMPARATOR? ? OR CALCULAT??? OR FIGURE? ? OR
                FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-
                L?? OR COMPARATIVE?? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6     120286   FIRST OR ONE OR 1ST OR SECOND OR TWO OR 2ND OR PRIME OR PR-
                IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-
                NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-
                VERAL OR NUMEROUS
S7      17546   S2(8N)S3
S8       2526   S4(4N)S5(4N)S6
S9          8   S1(20N)S7(20N)S8
```

 9/3,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01537571
GENIUS ADAPTIVE DESIGN
MODELE D'ADAPTATION AU GENIE
Patent Applicant/Inventor:
  CABINALLA Linda, 1145 Delaware St, Fairfield, CA 94533, US, US
  (Residence), US (Nationality), (Designated for all)
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200781519 A2 20070719 (WO 0781519)
  Application: WO 2006US48704 20061219 (PCT/WO US2006048704)
  Priority Application: US 2005755291 20051230; US 2006756607 20060105; US
    2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US
    2006852794 20061018
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN
  KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI
  NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT
  TZ UA UG US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 520275

 9/3,K/2   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00909145   **Image available**
**PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED
    DESPECKLING MECHANISMS PROVIDED THEREIN**
**SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME
    DE DECHATOIEMENT INTEGRE**
Patent Applicant/Assignee:
  METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US
    (Residence), US (Nationality), (Designated only for: US)
  ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US
    (Residence), CN (Nationality), (Designated only for: US)
  SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence),

US (Nationality), (Designated only for: US)
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WIRTH Allan, 358 Concord Road, Bedford, MA 01730, US, US (Residence), US
(Nationality), (Designated only for: US)
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(Residence), US (Nationality), (Designated only for: US)
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NAYLOR Charles A, 486 Center Street, Sewell, NJ 08080, US, US (Residence)
, US (Nationality), (Designated only for: US)
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(Residence), US (Nationality), (Designated only for: US)
BLAKE Robert, 762 Fairview Avenue, Woodbury Heights, NJ 08097, US, US
(Residence), US (Nationality), (Designated only for: US)
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(Residence), US (Nationality), (Designated only for: US)
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, US (Nationality), (Designated only for: US)
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US, US (Residence), US (Nationality), (Designated only for: US)
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GIORDANO Patrick A, 1501 Little Gloucester Road, Apartment #U-40,
Blackwood, NJ 08012, US, US (Residence), US (Nationality), (Designated
only for: US)
COLAVITO Stephen J, 3520 Edgewater Lane, Brookhaven, PA 19015-2607, US,
US (Residence), US (Nationality), (Designated only for: US)
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(Nationality), (Designated only for: US)
SCHWARTZ Barry E, 407 Farwood Road, Haddonfield, NJ 08033, US, US
(Residence), US (Nationality), (Designated only for: US)
KIM Steve Y, 129 Franklin Street, #113, Cambridge, MA 02139, US, US
(Residence), US (Nationality), (Designated only for: US)
FISCHER Dale, 204 Sunshire Lakes Drive, Voorhees, NJ 08043, US, US
(Residence), US (Nationality), (Designated only for: US)
VAN Tassel John E Jr, 8 Arbor Lane, Winchester, MA 01890, US, US
(Residence), US (Nationality), (Designated only for: US)
Legal Representative:
PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C.,
Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200243195 A2-A3 20020530 (WO 0243195)
Application: WO 2001US44011 20011121 (PCT/WO US0144011)
Priority Application: US 2000721885 20001124; US 2001780027 20010209; US
2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US
2001999687 20011031
Parent Application/Grant:
Related by Continuation to: US 2001954477 20010917 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

Fulltext Availability:
  Detailed Description
  Claims

Claim
...   patterns to be generated at the image detection array of the IFD
  Subsystem during the photo -integration time period thereof. The
  numerous time-varying speckle-noise patterns produced at the image
  detection array are temporally (and possibly spatially) averaged during
  the photo-integration time period thereof, thereby...

 9/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00807406   **Image available**
SYSTEM AND METHOD OF FAST BIOMETRIC DATABASE SEARCHING USING DIGITAL
    CERTIFICATES
SYSTEME ET PROCEDE DE RECHERCHE RAPIDE DE BASES DE DONNEES BIOMETRIQUES AU
    MOYEN D'UNE CERTIFICATION NUMERIQUE
Patent Applicant/Assignee:
  IRIDIAN TECHNOLOGIES, 121 Whittendale Drive, Moorestown, NJ 08057, US, US
    (Residence), US (Nationality)
Inventor(s):
  MUSGRAVE Clyde, 3620 Fairfield Place, Frisco, TX 75035, US,
  CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
Legal Representative:
  DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
    Norris LLP, 46th Floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200140982 A2-A3 20010607 (WO 0140982)
  Application: WO 2000US42147 20001114   (PCT/WO US0042147)
  Priority Application: US 99452603 19991201
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12463

Fulltext Availability:
  Detailed Description

Detailed Description
... Analysis", issued to Daugman. As made clear by these patents, the
  visible texture of a person 's iris can be used to distinguish one
  person from another with great accuracy. Thus, in's recognition can be
  used for such purposes as controlling access to a secure facility or a
  bank automatic   teller machine, for example. An iris recognition
  system involves the use of an imager to video image the in's of each
  person attempting access, and image processing means for comparing
  this iris video image with a reference iris image on file in a
  database.

Ifis identification systems have been developed that are capable of...

 9/3,K/4   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00801794   **Image available**
SYSTEM   AND   METHOD   OF   ANIMAL   IDENTIFICATION   AND   ANIMAL   TRANSACTION
    AUTHORIZATION USING IRIS PATTERNS
SYSTEME   ET   PROCEDE   D'IDENTIFICATION   D'ANIMAUX   ET   D'AUTORISATION   DE
    TRANSACTION POUR ANIMAUX UTILISANT DES MODELES D'IRIS
Patent Applicant/Assignee:
  IRISCAN INC, Suite E, 9 East Stow Road, Marlton, NJ 08053-3159, US, US
    (Residence), US (Nationality)
Inventor(s):
  MUSGRAVE Clyde, 3620 Fairfield Place, Frisco, TX 75035, US,
  CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
Legal Representative:
  DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
    Norris LLP, 46th Floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200135321 A1 20010517 (WO 0135321)
  Application: WO 2000US27295 20001004 (PCT/WO US0027295)
  Priority Application: US 99436525 19991109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15008

Fulltext Availability:
  Detailed Description

Detailed Description
... Analysis", issued to Daugman. As made clear by these patents, the
  visible texture of a person 's iris can be used to distinguish one
  person from another with great accuracy. Thus, iris recognition can be
  used for such purposes as controlling access to a secure facility or a 1
  5 bank automatic   teller machine, for example. An iris recognition
  system involves the use of an imager to video image the iris of each
  person attempting access, and image processing means for comparing
  this iris video image with a reference iris image on file in a
  database.

  Iris identification systems have been developed that are capable of...

 9/3,K/5   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00787067   **Image available**
PORTABLE AUTHENTICATION DEVICE AND METHOD USING IRIS PATTERNS
DISPOSITIF PORTABLE ET PROCEDE D'IDENTIFICATION REPOSANT SUR L'UTILISATION
    DE CONFIGURATIONS DE L'IRIS
Patent Applicant/Assignee:
  IRISCAN INC, Suite E, 9 East Stow Road, Marlton, NJ 08053-3159, US, US
    (Residence), US (Nationality)
Inventor(s):

CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
SIEDLARZ John E, 2 Cragmoor Drive, Indian Mills, NJ 08088, US,
Legal Representative:
    DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
        Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200120561 A1 20010322 (WO 0120561)
    Application: WO 2000US22358 20000815 (PCT/WO US0022358)
    Priority Application: US 99396083 19990914
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
    ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
    LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
    (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
    (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10725

Fulltext Availability:
    Detailed Description

Detailed Description
... Analysis ", issued to Daugman. As made clear by these patents, the
    visible texture of a **person** 's iris can be used to **distinguish** one
    person from another with great accuracy. Thus, iris **recognition** can be
    used for such purposes as controlling access to a secure facility or a
    bank **automatic   teller** machine, for example. An iris recognition
    system involves the use of an imager to video image the iris of **each**
    person attempting access, and **image** processing means for **comparing**
    this iris video **image** with a reference iris **image** on file in a
    database.

    Iris identification systems have been developed that are capable of...

 9/3,K/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00568306   **Image available**
IRIS IMAGING TELEPHONE SECURITY MODULE AND METHOD
MODULE ET PROCEDE DE SECURITE TELEPHONIQUE A IMAGERIE IRIENNE
Patent Applicant/Assignee:
    IRISCAN INC,
Inventor(s):
    MUSGRAVE Clyde,
    CAMBIER James L,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200031679 A1 20000602 (WO 0031679)
    Application: WO 99US26559 19991110 (PCT/WO US9926559)
    Priority Application: US 98199369 19981125; US 99310302 19990512
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
    GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
    MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
    UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
    TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
    CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11021

Fulltext Availability:
  Detailed Description

Detailed Description
...   Analysis", issued to Daugman. As made clear by these patents, the
  visible texture of a **person** 's iris can be used to **distinguish** one
  person from another with great accuracy. Thus, iris **recognition** can be
  used for such purposes as controlling access to a secure facility or a
  bank **automatic** **teller** machine, for example. An iris recognition
  system involves the use of an imager to video image the iris of **each**
  person attempting access, and **image** processing means for **comparing**
  this iris video **image** with a reference iris **image** on file in a
  database.

  Iris identification systems have been developed that are capable of...

 9/3,K/7   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00567152   **Image available**
HANDHELD IRIS IMAGING APPARATUS AND METHOD
PROCEDE ET APPAREIL PORTATIF D'IMAGERIE IRIENNE
Patent Applicant/Assignee:
  IRISCAN INC,
Inventor(s):
  MCHUGH James Timothy,
  LEE James Henry,
  KUHLA Cletus Bonaventure,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200030525 A2 20000602 (WO 0030525)
  Application: WO 99US26611 19991110 (PCT/WO US9926611)
  Priority Application: US 98200214 19981125
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
  UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
  TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
  CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
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Fulltext Availability:
  Detailed Description

Detailed Description
...   Analysis ", issued to Daugman. As made clear by these patents, the
  visible texture of a **person** 's iris can be used to **distinguish** one
  person from another with great accuracy. Thus, iris **recognition** can be
  used for such purposes as controlling access to a secure facility or a
  bank **automatic** **teller** machine, for example. An iris recognition
  system involves the use of an imager to video image the iris of **each**
  person 20 attempting access, and **image** processing means for **comparing**
  this iris video **image** with a reference iris **image** on file in a
  database.

  Iris identification systems have been developed that are capable of...

∧ 9/3,K/8   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014201158   - Drawing available
WPI ACC NO: 2004-386747/200436

XRPX Acc No: N2004-307704
Method against automatic teller machine theft - detect if user is wearing head mask to prevent ATM theft
Patent Assignee: SHIU Y (SHIU-I)
Inventor: SHIU Y
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
TW 565807	A	20031211	TW 2003104281	A	20030227	200436	B
TW 200416627	A	20040901				200624	E

Priority Applications (no., kind, date): TW 2003104281 A 20030227

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
TW 565807	A	ZH		1	
TW 200416627	A	ZH			

   Alerting Abstract ...NOVELTY – A method against automatic teller machine
(ATM) theft comprises (A) fetch a background image and record the
background image prior to transaction execution of an ATM ; (B) fetch an
operation image containing user when user uses ATM to execute
transaction; (C) **compare** background **image** with operation **image** and
remove the overlapped area of **two** images to form a people image of user;
(D) inspect an image boundary of the people image to generate an inspection
area located at user 's head; (E) edge **detection** **detects** a head
contour of people image in area; (F) scan upper half of head contour...

Original Publication Data by Authority

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